

# CHANGE ORDER NOTICE

(This is a Change Order Notice to an existing P.O. and is *not* a new order.)

## COUNTY OF DUPAGE DIRECTOR OF PURCHASING

421 N. COUNTY FARM ROAD, WHEATON, IL 60187  
708-682-7527

PURCHASE/CONTRACT  
ORDER NO. 819752

DATE 9/23/99

ACCOUNT NO. 41-226-2261-3050

DEPT. DIVISION OF TRANSPORTATION

### REASON:

CHANGES IN PROJECT SCOPE AND LIMITS  
THAT INCLUDE:  
TRANSFER OF JURISDICTION FROM THE  
CNWRR TO THE UPRR WHICH CHANGED THE  
DESIGN CRITERIA AND PROJECT LIMITS;  
ADDITIONAL GEOTECHNICAL INVESTI-  
GATION, EVALUATION OF RETAINING  
WALL ALTERNATIVES WHICH CHANGED AS  
A RESULT OF ACQUISITION OF FULL  
PARCELS AT HOMEOWNER'S REQUEST;  
ADDITIONAL BRIDGE STRUCTURE DESIGN  
AS A RESULT OF UPRR AND REALIGNMENT  
OF TRACKS AND ALTERNATIVE ALIGNMENT;  
TOGETHER WITH ADDITIONAL COST FROM  
SALARY INCREASES AND INFLATION  
BECAUSE PROJECT EXTENDED AN  
ADDITIONAL THREE YEARS.

CH 43/COUNTY FARM ROAD  
SECTION 94-00179-05-GB

COMMITTEE  
REQUIRED

BOARD  
REQUIRED

Committee Approval

Date

VENDOR NO. 03566001

TO: CONSOER TOWNSEND ENVIRONDYNE  
ENGINEERS, INC.  
303 E. WACKER DRIVE  
CHICAGO, IL 60601

☐ CANCEL ENTIRE ORDER

☐ CHANGE BUDGET CODE  
FROM \_\_\_\_\_ TO \_\_\_\_\_

☐ INCREASE QUANTITY  
FROM \_\_\_\_\_ TO \_\_\_\_\_

☐ DECREASE QUANTITY  
FROM \_\_\_\_\_ TO \_\_\_\_\_

☐ PRICE SHOWS \_\_\_\_\_  
SHOULD BE \_\_\_\_\_

☒ INCREASE ENCUMBRANCE  
\$ 605,566.00

☐ DECREASE ENCUMBRANCE  
\$ \_\_\_\_\_

☐ OTHER: \_\_\_\_\_

Finance Approval

Date

Purchasing Approval

Date

Resolution No.

Date



## DIVISION OF TRANSPORTATION

(630) 682-7318

DuPage County  
ROBERT J. SCHILLERSTROM  
COUNTY BOARD CHAIRMAN

FACSIMILE (630) 690-5331

### MEMORANDUM

TO: Transportation Committee

FROM: Morgan L. Cotten, Deputy Director of Transportation *MLC*

DATE: September 20, 1999

RE: Request for Change Order - \$605,566  
CTE, Contract #C819752  
CH 43/County Farm Road  
Sec. 94-00179-05-GS

Transmitted herewith with my recommendation for approval is a Change Order Request for the referenced project in the amount of \$605,566.

This project has undergone many changes in project scope and limits since the contract was negotiated. Those changes include: the transfer of jurisdiction from the Chicago Northwestern Railroad to the Union Pacific Railroad (UPRR) which changed design criteria and project limits; additional geotechnical investigation, evaluation of retaining wall alternatives which changed as a result of acquisition of full parcels at homeowner's request; additional bridge structure design as a result of UPRR and realignment of tracks and alternative alignment.

This project was approved in 1994 with an anticipated two- year completion. To date design is not complete due to various reasons. The consultant has incurred additional cost from salary increases and inflation because the project has extended an additional three years. Therefore, the consultant is asking for reimbursement for these additional costs due to cost escalation. Following is a detailed summary grid of cost extras by major category.

	Category	Extra
1.	Additional Engineering Studies (Phase I) a. Topographic Survey & ROW Tasks b. Geotechnical Investigation & Soil Borings c. Location Drainage Study / Hydraulics d. Alternative Alignment Studies	\$211,276
2.	Additional Design Task (Phase II) a. Detailing of County Complex Parking Lot Revocations	84,679

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September 20, 1999

Re: Request for Change Order - \$605,566

CTE, Contract #C819752

CH 43/County Farm Road

Sec. 94-00179-05-GS

	Category	Extra
	b. Design of Right Turn Lane at Founder's Park c. Design of Block Wall at Sta. 2+540 CFR (Lot 7) d. Added Roadway Runaround Plans e. Additional Specifications f. Design of Step Retaining Wall at West End of Shoofly g. Design of Sheet Pile Retaining Wall at West End of Shoofly h. Added Detour Plan	
3.	Design modifications due to Railroad Ownership Change a. Redesign of Shoofly to Meet UPRR Guidelines b. Redesign of Permanent Tracks to 15' Centers c. Additional Structural Work to Incorporate UPRR Requirements	38,409
4.	Additional Project Complexity a. Additional Drainage Design b. Additional Soil Erosion & Sediment Control Plans for Staging of Detention Basins c. Runaround Representation in Cross Sections	37,870
5.	Project Delays a. Mobilization & Delay b. Salary Escalation of Base Contract & Additional Project Management	233,332
	Total:	\$605,566

I have thoroughly reviewed this extras request and support the payment as being justified. I am prepared to answer any questions.

Enc.

sz

**PROFESSIONAL SERVICES CHANGE ORDER REQUEST FORM  
FOR WORK DONE  
BEFORE JUNE 1, 1999**

Purchase Order/Contract Number	<u>819752</u>
Date of Original Contract	<u>10-25-94</u>
Original Contract Amount	<u>\$736,012</u>

Description of Original Project on County Issued Purchase Order

Engineering services for design of County Farm Road/CNW RR grade separation (underpass)  
as defined in the attached scope of work and schedule. Sec 94-00179-05-GS.

Description of Reason for Change Request

multiple changes, list and describe each separately with details and total)

See attached breakdown.

Phase - I II III Which Phase           

Describe Change

See attached breakdown.

Cost of Change – Show Calculations

See attached breakdown.

Percentage of Original Contract 82%

Reason for Change

See attached breakdown.

Date of Change 6-95 to 7-99

Who at DuPage County requested this change Chuck Tokarski

Is it in writing? – If so, please attach correspondence

Not in writing – Describe in detail who you spoke with and when and how you received authorization to proceed with the change of scope.

Change order items were discussed at meetings or verbal conversations.

Describe why, in your opinion, this was not included in your proposal of work resulting in the original contract.

The original scope of services was established with a number of assumptions. During Phase I of the project, numerous additional issues evolved including Union Pacific Railroad guidelines, adjacent project detention requirements and the expansion of right-of-way purchase by the County. These items were not foreseeable at the beginning of the project.

**Du Page County - Division of Transportation**  
**County Farm Road - Union Pacific Railroad Underpass**  
**Breakdown of Additional Services**

**Category**

<b><u>Task</u></b>	<b><u>Cost</u></b>	<b><u>Percent of Original Contract Cost</u></b>
<b><u>Original Contract Cost</u></b>	<b>\$ 736,000</b>	
<b><u>A. Additional Studies</u></b>	<b><u>\$ 211,276</u></b>	<b><u>28.7%</u></b>
1. Topographic Survey & ROW Tasks	\$ 23,730	3.2%
2. Geotechnical Investigation & Soil Borings	\$ 18,474	2.5%
3. Location Drainage Study / Hydraulics	\$ 59,774	8.1%
4. Alternative Alignment Studies	\$ 109,298	14.9%
<b><u>B. Additional Design Tasks</u></b>	<b><u>\$ 84,679</u></b>	<b><u>11.5%</u></b>
1. Detailing of County Complex Parking Lot Revocations	\$ 8,234	1.1%
2. Design of Right Turn Lane at Founder's Park	\$ 13,884	1.9%
3. Design of Block Wall at Sta. 2+540 CFR (Lot 7)	\$ 5,723	0.8%
4. Added Roadway Runaround Plans	\$ 13,695	1.9%
5. Additional Specifications	\$ 1,898	0.3%
6. Design of Step Retaining Wall at West End of Shoofly	\$ 21,672	2.9%
7. Design of Sheet Pile Retaining Wall at West End of Shoofly	\$ 13,523	1.8%
8. Added Detour Plan	\$ 6,050	0.8%
<b><u>C. Added Complexity</u></b>	<b><u>\$ 37,870</u></b>	<b><u>5.1%</u></b>
1. Additional Drainage Design	\$ 22,101	3.0%
2. Additional Soil Erosion & Sediment Control Plans for Staging of Detention Basins	\$ 8,467	1.2%
3. Runaround Representation in Cross Sections	\$ 7,302	1.0%
<b><u>D. Modifications to Design</u></b>	<b><u>\$ 38,409</u></b>	<b><u>5.2%</u></b>
1. Redesign of Shoofly to Meet UPRR Guidelines	\$ 12,033	1.6%
2. Redesign of Permanent Tracks to 15' Centers	\$ 17,210	2.3%
3. Additional Structural Work to Incorporate UPRR Requirements	\$ 9,166	1.2%

**Du Page County - Division of Transportation**  
**County Farm Road - Union Pacific Railroad Underpass**  
**Breakdown of Additional Services**

**Category**

<b><u>Task</u></b>	<b><u>Cost</u></b>	<b><u>Percent of Original Contract Cost</u></b>
<b><u>E. Delay in Project Completion</u></b>	<b><u>\$ 233,332</u></b>	<b><u>31.7%</u></b>
1. Mobilization & Delay	\$ 104,423	14.2%
2. Salary Escalation of Base Contract & Additional Project Management	\$ 128,909	17.5%
 Total Cost of Additional Services	 <b><u>\$ 605,566</u></b>	 <b><u>82.3%</u></b>